

VALUE ENGINEERING CHANGE PROPOSAL
MISSOURI DEPARTMENT OF TRANSPORTATION

RECEIVED
MAR 25 2010

Brian Williams

☐ Conceptual Proposal ☐ Final Proposal Date 03-11-10

Contract ID 090123-501 Job No. J5P0347A

County Camden 54 Original Bid Cost \$14,869,173.31

Contractor Dave Kolb Grading, Inc. By West Plains Bridge (Travis Sanders)

Designed By MoDOT Phone (417) 256-6554

VECP# 10-26 (to be completed by C.O.) VECP ☒ or PDVECP ☐

1. Description of existing requirements and proposed change(s). Advantages/Disadvantages

The top mat of deck re-steel is to be tied at each cross or lap. We propose to tie all intersections except where spacing is less than 12 inches in each direction, in which case alternate intersections shall be tied. This is a cost saving for MoDOT in the reduction of labor costs to perform the work.

2. Estimate of reduction in construction costs. \$3568.00

3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.

This will speed up the construction of the bridges, which will reduce the time the traffic is impacted and the construction personnel that is required on the job.

4. Anticipated date for submittal of detailed change(s) of items required by Section 104.6 of the Specifications.

03-22-10

(date)

5. Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of contract completion time or delivery schedule.

03-22-10

(date)

This should reduce the closure time of the road.

(effect)

6. Dates of any previous or concurrent submission of the same proposal.

N/A

(date and/or dates)

Additional Comments:

MoDOT has two pilot projects within the state with similar guidelines for deck re-steel installaion. Travis Koestner strongly suggested submitting this VE during the AGC of MO & MoDOT Bridge Division Meeting. This will reduce the cost of Items No. 2190 and No. 2330.

**** Portion Below This Line To Be Filled Out by MoDOT ****

Comments:

I RECOMMEND REJECTION OF THIS V.E. CONCEPT AS THE SAVINGS ARE MINIMAL IN COMPARISON TO THE SERVICE LIFE OF THE BRIDGE DECK.

Michael K. O'Malley

Submitted By Resident Engineer

3/23/10

Date

Comments:

This has previously been allowed as an acceptable practice on other projects.

Roger Schwartz

District Engineer

3/23/10

Date

☒ Approval
Recommended

☐ Rejection
Recommended

Comments:

☐ Approval
Recommended

☐ Rejection
Recommended

Federal Highway Administration
Required for FHWA Full Oversight Projects

Date

Comments:

Approve as 50/50 Split.

☒ Approval

☐ Rejection

David D. Coover

State Construction and Materials Engineer BAW

3-29-10

Date

VALUE ENGINEERING CHECK SHEET

TYPE OF WORK

(Check one that applies)

- X Bridge/Structure/Footings
- ☐ Drainage Structures (RCP, RCB, CMP's, ect.)
- ☐ TCP/MOT
- ☐ Paving (PCCP, ect.)
- ☐ Grading/MSE Walls
- ☐ Signal/Lighting/ITS
- ☐ Misc. _____

SUMMARY OF PROPOSAL

(If needed, condense summary to a couple of lines)

Contractor proposes to tie 50% of the top mat of reinforcing steel in the bridge deck. This is approved as a 50/50 split VECP.

SCANNING OF DOCUMENT

If the proposal is large, please mark or make note, which pages need to be scanned into the database. If there are special instructions, make note of them here.
